

IN THE CLAIMS:

The following is a complete listing of the claims in this application, reflects all changes currently being made to the claims, and replaces all earlier versions and all earlier listings of the claims:

1. (currently amended) ~~Method~~ A method for producing the
~~production of a white LED having of~~ predetermined color temperature, comprising:
~~in which coating with a conversion layer at least one of~~ a blue LED or a UV LED ~~of a~~
~~plurality of LEDs, is coated with a said~~ conversion layer ~~which absorbs~~ absorbing at least
one of blue light ~~[[or]]~~ and UV light, and ~~[[emits]]~~ emitting light of greater wavelength,
~~characterized in that the wherein an~~ exact wavelength of the LED is determined before the
~~application of the color conversion agent coating step with a conversion layer and then the~~
~~wherein said~~ color conversion ~~[[agent]]~~ layer comprising a color conversion agent is
applied over ~~[[this]]~~ the LED in a quantity ~~and/or~~ and concentration dependent upon the
determined wavelength.

2. (currently amended) ~~Method~~ The method according to claim 1,
~~characterized in that wherein~~ the color conversion agent is applied ~~in per se known manner~~
by means of at least one of a dispenser ~~or~~ and a stamp, and ~~the wherein~~ at least one of a
quantity of said color conversion agent ~~and/or the and a~~ concentration of said color
conversion agent is selected ~~in dependence~~ depending upon the ~~determined exact~~
wavelength.

3. (currently amended) ~~Method~~ The method according to claim 1,
~~characterized in that wherein~~ the color conversion agent is applied ~~in per se known manner~~

by means of inkjet printing, and ~~the~~ wherein at least one of a quantity and/or the of said color conversion agent and a concentration of said color conversion agent is selected in dependence depending upon the determined exact wavelength.

4. (currently amended) ~~Method~~ The method according to claim 1, characterized in that wherein the color conversion agent is applied in ~~per se known manner~~ by means of deposition ~~from the~~ in a gas phase, and the wherein at least one of a quantity of said color conversion agent and/or and a concentration of said color conversion agent is selected in dependence depending upon the determined exact wavelength.

5. (currently amended) ~~Method~~ The method according to claim 4, characterized in that wherein a mask, in particular such as a photomask, is produced, the apertures of said mask which are being selected in dependence depending upon the determined exact wavelength, and in that the said deposition of [[the]] color conversion agent from the in gas phase [[is]] being effected through [[this]] said mask.

6. (currently amended) ~~Method~~ The method according to claim 1, characterized in that the color conversion agent is initially homogeneously applied in ~~per se known manner~~ and ~~[[then]]~~ subsequently selectively removed by means of a laser in ~~dependence upon correlation with the determined exact wavelength.~~

7. (currently amended) ~~White~~ A white LED light source, comprising: which has a plurality of blue LEDs or UV [[LEDS]] LEDs, wherein above each of said LEDs [[which]] a conversion layer having a thickness is applied disposed, characterized in

that and wherein the ~~quantity~~ thickness of the conversion layer above each LED depends upon is proportional to the exact wavelength of the LED concerned.